

battery type: Lithium Button Cell
battery size: CR2025
chemical system: Lithium Manganese Dioxide

Conditions

nominal voltage: 3.0 V
open circuit voltage: 3.0...3.4 V (new battery)
 2.9...3.4 V (after 1 year storage at 20°C)

all measurements at 22 ± 2°C ambient

capacity
 rated: 160 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)
 minimum: 150 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)

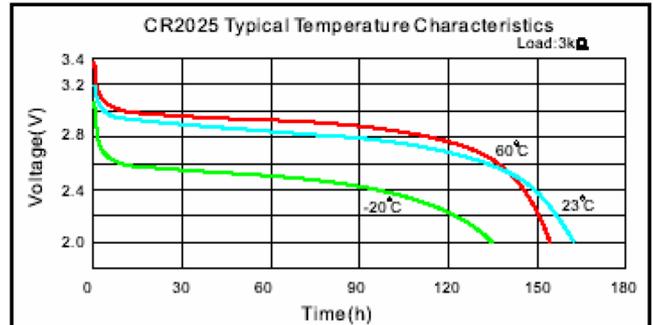
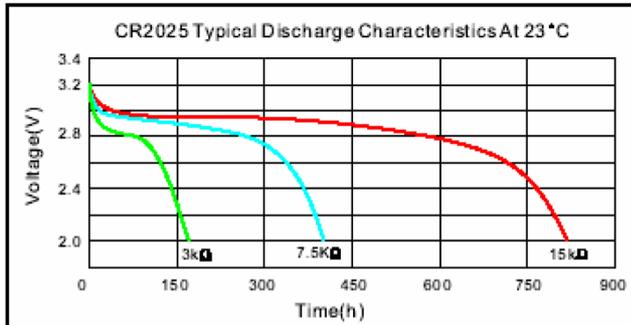
Service Life

at 15kΩ load; 24hours/day
 ≥ 780 h (EV: 2.0V) (new battery (tested within 60 days after production))
 ≥ 750 h (EV: 2.0V) (after 12 months)
 standard discharge time ≥ 100 h (at 2kΩ load (for QC measurement))

Discharge currents

standard: 0.2 mA
 max. recommended current under continuous discharge: 3 mA
 max. recommended current under pulse discharge: 15 mA

Discharge diagrams:



shelf life: 5 years (under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%))

operating temperature range: -20...60 °C

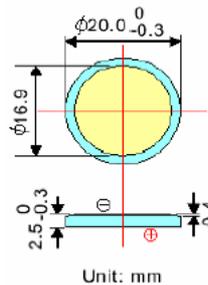
storage temperature: 0...30 °C (recommended)

mechanical specifications:

outer battery dimensions

diameter: 20.0mm +0/-0.3mm
 height: 2.5mm +0/-0.2mm

drawing



nominal weight: 2.5 g (approx.)

	ANSMANN Specifications for model:	Lithium Button Cell HyCell CR2025
	data sheet no. / part no.	
	supplier no.	703385
	author / date	TG / 16.01.2020